



The American Prosthodontic Society
Promoting the Advancement of Prosthetic Dentistry Through Clinical Research and Education

The American Prosthodontic Society 2021 Webinar Series - October

Speaker – Dr. Nadim Z. Baba, DMD, MSD, FACP

Title

The Science and Engineering of Contemporary Removable Prosthodontics

Abstract

Dentistry has fully embraced the digital age and its integration into one of the oldest treatments in dentistry is proof that it is here to stay. Computer-aided design and computer-aided manufacturing (CAD/CAM) of complete dentures was introduced following the success of CAD/CAM in implant and fixed prosthodontics. CAD/CAM complete dentures have seen exponential growth in the dental market with the number of commercially available CAD/CAM denture systems growing every year. Interest in CAD/CAM has also been affected by a reduction in the number of dental laboratory technicians with extensive experience and expertise with traditional fabrication processes. This presentation will cover key aspects related to the current status of computer technology for the fabrication of complete dentures and removable partial dentures.

Learning Objectives

1. Review the literature pertaining digital denture processes
2. Single out the materials and processes available for the fabrication of CAD/CAM complete and partial dentures
3. Discuss how the removable digital workflow benefits both the dental technician and the clinician